



iTech MASTERTECH | Air-cooled high-capacity chiller

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Air-cooled high-capacity chiller | 350 – 2500 kW

The powerhouse of central industrial systems – with screw compressors and dual refrigerant circuits



The MASTERTECH is iTech's top-of-the-range, high-capacity chiller. Dual screw compressors and a dual refrigerant circuit system. Stepped capacity control at 25-50-75-100%. It arrives fully factory-assembled and can be installed with minimal on-site work.



Technical specifications

Parameter	Value
Cooling capacity	350 – 2500 kW
Compressor	Semi-hermetic screw
Capacity control	25% / 50% / 75% / 100%
Refrigerant circuits	Dual compressors, dual refrigerant circuits
Refrigerant	R-410A or R-454B
Expansion valve	Electronic
Evaporator	Shell-and-tube
Material	Galvanised steel, powder-coated
Control	PLC, CE-standard panel

Key benefits

- Largest air-cooled: up to 2500 kW
- Dual circuits = high availability
- Screw compressor: long service life, quiet
- Stepped capacity control 25/50/75/100%
- Factory-complete – minimal installation work

Typical applications

- Central industrial cooling systems
- Plastics processing plants
- Data centres
- Chemical industry
- Metal processing

Cyber in Systems Kft. (CIS) – Exclusive distributor of iTech

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Request a personalised quotation and a cooling demand assessment!